Substitute for Form 1449 A & B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 1

J. J. Reg	BUPCHIPTO 13 IIIAI 20
Application Number	Unassigned
Confirmation Number	Unassigned
Filing Date	June 3, 2005
First Named Inventor	Gianfranco GILARDI
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	O88296

			U.S.	PATENT DOCUM	ENTS
	Document Number				
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			

			F	OREIGN PA	TENT DOCUME	ENTS	
Examiner Initials*	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	MM-DD-YYYY	Applicant of Cited Document

		NON PATENT LITERATURE DOCUMENTS					
Examiner Injetals*	Translation ⁶						
		Gianfranco Gilardi et al., "Manipulating redox systems: application to nanotechnology", TRENDS in Biotechnology, Vol. 19, No. 11, November 2001, pp. 468-476					
		Paul F. Predki et al., "Redesigning the Topology of a Four-Helix-Bundle Protein: Monomeric Rop", Biochemistry, Vol. 34, 1995, pp. 9834-9839					
		Gianfranco Gilardi et al., "Molecular Lego: design of molecular assemblies of P450 enzymes for nanobiotechnology", Biosensors & Bioelectronics, Vol. 17, 2002, pp. 133-145					
		Sheila J. Sadeghi et al., "Engineering artificial redox chains by molecular 'Lego'", Faraday Discuss., Vol. 116, 2000, pp. 135-153					
		Jon R. Wilson et al., "Engineering redox functions in a nucleic acid binding protein", Chemical Communications, Vol. 9, No. 3 (XP-002274852), February 7, 2003, pp. 356-357					
	•	Mary Munson et al., "ColE1-compatible vectors for high-level expression of cloned DNAs from the T7 promoter", Gene, Vol. 144, 1994, pp. 59-62					
		Itamar Willner et al., "Integration of a Reconstituted de Novo Synthesized Hemoprotein and Native Metalloproteins with Electrode Supports for Bioelectronic and Bioelectrocatalytic Applications", J. Am. Chem. Soc., Vol. 121, 1999, pp. 6455-6468					
		Zhijin Xu et al., "Design, synthesis, and characterization of a novel hemoprotein", <i>Protein Science</i> , Vol. 10, 2001, pp. 236-249					
		Luisa Castagnoli et al., "Linking an Easily Detectable Phenotype to the Folding of a Common Structural Motif", J. Mol. Biol., Vol. 237, 1994, pp. 378-387					
		Julia M. Shifman et al., "Heme Redox Potential Control in de Novo Designed Four-α-Helix Bundle Proteins", Biochemistry, Vol. 39, 2000, pp. 14813-14821					
		Annette Pasternak et al., "Proton and metal ion-dependent assembly of a model diiron protein", Polymer Science, Vol. 10, 2001, pp. 958-969					
QI		Wolfgang Eberle et al., "Proton Nuclear Magnetic Resonance Assignments and Secondary Structure Determination of the ColE1 rop (rom) Protein", <i>Biochemistry</i> , Vol. 29, 1990, pp. 7402-7407					

	//		<u></u> .			
Examiner Signature		1200	Date C	Considered	118/5	7

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.